

## Appendix 2

**Secure Storage Room:** The Contractor shall provide a designated **secure storage room** for the storage of plates, negatives, and electronic files used for the production of checks, as well as old plates and negatives awaiting destruction and Quality Assurance Samples.

A secure storage room is a room with no windows that has been upgraded to accommodate the storage of checks through structural modifications. These modifications will include the installation, on the walls and ceiling, of slab-to-slab drywall with 10-gauge expanded steel in the core area and the floor constructed of reinforced concrete. If the area above the false ceiling is a return air plenum, required openings in the drywall will be permitted provided that 10-gauge expanded steel cover these openings.

The entrance(s) to this room will include installation of a metal door(s). The metal door(s) shall be fire rated, hollow core, 18-gauge metal (standard industrial door). Door(s) shall have a minimum amount of glassed area whenever feasible. If glassed area is used, it will be break/shatter resistant and each glassed area shall not exceed 75 square inches. Door(s) shall meet the requirements of NFPA 80 - Doors and Windows, e.g., shall maintain the integrity of fire resistance of the walls. Door(s) shall be hung on butt hinges with non-removable hinge pins, or the hinges, if exposed to the exterior of the secure room, shall be spot welded to preclude easy removal of the door(s).

The entrance door(s) shall have a high quality security lock, dead-bolt type, mortise, with a minimum of one inch throw for use when unoccupied. Secure storage room door shall not be placed on any building grand master, master, or sub-master lock system. This lock must be keyed differently.

The secure room shall also have controlled access and electronic security/intrusion detection devices.

*NOTE: At the Contractor's discretion, the **secure production area** and the **secure storage room** may be combined to accomplish both requirements.*

**Secure Vault Area:** The Contractor shall provide a **secure vault area** for the storage of printed check rolls, check formats, defective checks, and check production waste. A vault area is a room that may vary in size; but regardless of size, the four exterior walls, floor, and ceiling are constructed of a concrete, masonry, or composite material (exception- vault door(s), emergency air vents, and air plenum) to provide significant attack resistance as defined in the following paragraphs:

No exterior wall of the overall building structure near the check production location will be considered as an exterior wall for the vault. The vault wall may abut the exterior wall, but the building exterior wall thickness cannot be considered part of the vault wall exterior.

The four walls, ceiling, and floor, must be constructed of a concrete, masonry, or composite material that is rated Underwriters Laboratories (UL) #608-Class 2, November 2004 standard for attack resistance. Use of composite materials must meet local building codes for fire resistance. The steel rebar reinforcement of concrete walls, floor and ceiling must meet local building codes as to spacing and number of steel rebar grids and comply with construction/attack resistance standards referenced in these specifications. Multiple layers of steel rebar grids will be staggered in each direction.